

AMENDMENTS TO THE SPECIFICATION

Please delete the prior abstract and add the following new abstract.

An interferometer includes a source of a heterodyne beam including frequency components having frequency components with orthogonal linear polarizations. A beam splitter separates frequency components of the heterodyne beams, and one or more AOMs increase the frequency separation between the separated beams. The separated beams can be sent via optical fibers to a beam-combining unit, which combines the beams for use in interferometer optics.

THE PATENT LAW OFFICES
OF DAVID MILLERS
6560 ASHFIELD COURT
SAN JOSE, CA 95120
PH: (408) 927-6700
FAX: (408) 927-6701